

REMARKS

With the entry of the present amendments, Claims 42, 62-66, and 84-96 are pending in the application. Claims 1-41, 43-61, and 67-83 have been canceled without prejudice to Applicant's right to prosecute these claims in a timely filed continuation application. Claims 84-90 have been withdrawn. Claim 42 has been amended. New claims 91-96 have been added. Support for the amendment and new claims may be found throughout the application as filed, including, but not limited to:

Claims 42 and 91: page 21, 1st full paragraph;

Claims 92-94: paragraph bridging pages 23 and 24; and

Claims 95 and 96: page 26, 3rd paragraph and page 27, 1st full paragraph.

In view of the following remarks, reconsideration and withdrawal of the rejections to the application in the Office Action is respectfully requested.

I. Rejection of Claim 42.

In the Office Action, Claims 42 and 71 were rejected under 35 U.S.C. § 103(a) over U.S. Patent Application Publication No. 2003/0047816, filed by Dutta (hereinafter "Dutta") in view of U.S. Patent Application Publication No. 2003/0080677, filed by Mikhael *et al.* (hereinafter "Mikhael"). In order to expedite the prosecution of the application, Applicant has cancelled claim 71, thereby rendering the rejection moot with respect to that claim.

With the entry of the present amendment, claim 42 has been amended to recite a method of making a light-emitting subassembly that includes a light-emitting layer comprising light-emitting Group IV nanoparticles, a first electrode layer and a second electrode layer, wherein the light-emitting layer is "a non-continuous layer comprising separated domains of red, green and blue light-emitting nanoparticles."

Dutta does not disclose a non-continuous layer comprising separated domains of red, green and blue light-emitting nanoparticles. Although Dutta does disclose clusters of nanoparticles arranged in predetermined patterns (paragraph 0078 and figure 2), Dutta does not teach or suggest that the clusters should contain red, green or blue light-emitting Group IV nanoparticles, and certainly does not teach or suggest that the domains should separate red, green and blue light-emitting Group IV nanoparticles.

Mikhael does not remedy the shortcomings in the disclosure of Dutta.

Therefore, because Dutta and Mikhael, alone or in combination, fail to teach or suggest each and every limitation of amended claim 42, Applicant respectfully requests that the rejection of this claim, and all claims depending therefrom, be withdrawn.

II. Rejection of Claims 62-66 and 72-76

In the Office Action, the Examiner rejected claims 62-66 and 72-76 as obvious over Dutta in view of Mikhael, and further in view of U.S. Patent No. 6,918,946, issued to Korgel *et al.* (hereinafter “Korgel”). In order to expedite prosecution of the application, claims 72-76 have been cancelled without prejudice to Applicant’s right to prosecute these claims in a timely-filed divisional patent application. With respect to claims 62-66, Applicant respectfully traverses.

For the reasons discussed in Section I, above, Applicant submits that the combination of Dutta and Mikhael fails to teach or suggest a method of making a light-emitting subassembly that includes a light-emitting layer comprising light-emitting Group IV nanoparticles, a first electrode layer and a second electrode layer, wherein the light-emitting layer is “a non-continuous layer comprising separated domains of red, green and blue light-emitting nanoparticles.” Korgel fails to cure this deficiency. Therefore, because Dutta, Mikhael and Korgel, alone or in combination, fail to teach or suggest each and every limitation of claims 62-66, Applicant respectfully requests that the rejection of these claims be withdrawn.

III. New Claims 91-96

New claims 91-96 depend, directly or indirectly, from claim 42. Therefore, for at least the reasons discussed in Section I, above, in regard to claim 42, new claims 91-96 are patentable over the cited prior art references.

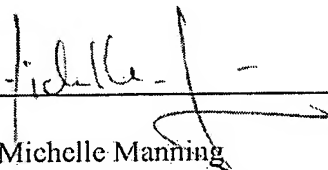
In view of the foregoing remarks, Applicant respectfully submits that all of the claims remaining in the application are in condition for allowance and favorable action thereon is respectfully solicited.

Respectfully submitted,

Date: January 31, 2007

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